

To: Mathew, Rooni[RMathew@moffattnichol.com]
Cc: Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]; Wands, James[James.Wands@hdrinc.com]
From: Garland, Edward
Sent: Mon 2/11/2013 9:49:15 PM
Subject: FW: Remaining Sediment information
[SlurryBulkDensities.xlsx](#)
[SedimentAvailable_20121210.xlsx](#)
[CoreConsolidationSchedule.xls](#)
[ATT15736.txt](#)
[Preliminary_ConsolidationCoreSettlingData.xlsx](#)

Rooni,

I'm forwarding the information from Jason that we discussed this morning.

Ed

From: Jason M. Magalen [mailto:jmagalen@seaengineering.com]
Sent: Monday, February 11, 2013 4:32 PM
To: Garland, Edward; Naranjo.Eugenia@epamail.epa.gov
Subject: Remaining Sediment information

Ed – Here is the information requested for you and Rooni.

- 1) “SlurryBulkDensities.xls” provides the assumed bulk densities of the mixtures before diluting them to the targeted concentrations. Presumably, the remaining sediment would be dumped out of the buckets, re-mixed to a paste and arrive at the same BD (however, I’ll be sampling again to verify).
- 2) “SedimentAvailable.....” is the approximate amount of sediment still available.
- 3) “CoreConsolidationSchedule.xls” is the current plan for slurrying and processing cores for SF8C – 350 g/L
- 4) RemainingSedPSD.zip contains the PDF files of the PSD reports for samples collected from each of the 4 locations: 3, 6, 8, and 9 with remaining sediment. The filenames are fairly straightforward, with A and B denoting samples from the field cores (at intervals 1-5). Recall that there was an Atterberg Limit sample collected from the surface (would not have an A or B

notation) and one from the bottom of the core. AL denotes a sample taken from the Atterberg Limit samples. BS denotes Bottom Sample.

5) "Preliminary_ConsolidationCoreSettlingData.xlsx" contains the raw settling data. Preliminary because I haven't had a chance to do a thorough QC on all the data. It's the raw data as some conversion will need to be made to plot actual settlement from original height of slurry. I think it is all spelled out in the spreadsheets, but let me know if there are any questions on interpretation.

Thanks,

Jason

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